

FIREMON

References



- Allaby, M. 1994. *The concise Oxford dictionary of ecology*. Oxford, UK: Oxford University Press. 415 p.
- Alt, D.; Hyndman, D. W. 1986. *Roadside geology of Montana*. Missoula, MT: Mountain Press Publishing. 427 p.
- Anderson, H. E. 1983. Aid for determining fuel models for estimating fire behavior. Gen. Tech. Rep. GTR-INT-122. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 22 p.
- Avery, T.E., Burkhardt, H.E. 1983. *Forest measurements*. 3d ed. New York: McGraw-Hill, Inc. 331 p.
- Bailey, A. W.; Poulton, C. E. 1968. Plant communities and environmental relationships in a portion of the Tillamook Burn, northwest Oregon. *Ecology*. 49: 1–14.
- Barbour, M. G.; Burk, J. H.; Pitts, W. D. 1987. *Terrestrial plant ecology*. The Benjamin/Cummings Publishing Co. Inc.
- Bartlett, M. S. 1948. Determination of plant densities. *Nature*. 162: 621.
- Bauer, H. L. 1943. The statistical analysis of chaparral and other plant communities by means of transect samples. *Ecology*. 24: 45–60.
- Blackman, G. E. 1935. A study of statistical methods of the distribution of species in grassland associations. *Annals of Botany*. 49: 749–777.
- Bonham, C. D. 1989. *Measurements for terrestrial vegetation*. New York: John Wiley and Sons. 338 p.
- Braun-Blanquet, J. 1965. *Plant sociology: the study of plant communities*. New York: Hafner Publishing. 437 p.
- Brown, J. K. 1971. A planar intersect method for sampling fuel volume and surface area. *Forest Science*. 17: 96–102.
- Brown, J. K. 1974. Handbook for inventorying downed woody material. Gen. Tech. Rep. GTR-INT-16. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 34 p.
- Brown, J. K.; Roussopoulos, P. J. 1974. Eliminating the biases in the planar intersect method for estimating volumes of small fuels. *Forest Science*. 20: 350–356.
- Busing, R.; Rimar, K.; Solte, K. W.; Stohlgren, T. J. 1999. *Forest health monitoring: vegetation pilot field methods guide: vegetation diversity and structure down woody debris fuel loading*. Research Triangle Park, NC: National Forest Health Monitoring Program.
- Canfield, R. H. 1941. Application of the line interception method in sampling range vegetation. *Journal of Forestry*. 39: 388–394.
- Coulloudon, B.; Podborny, P.; Eshelman, K.; Rasmussen, A.; Gianola, J.; Robles, B.; Habich, N.; Shaver, P.; Hughes, L.; Spehar, J.; Johnson, C.; Willoughby, J. Pellatt, M. 1999. *Sampling vegetation attributes*. Tech. Ref. 1734-4. Denver, CO: Bureau of Land Management. 164 p.
- Daubenmire, R. F. 1959. A canopy coverage method. *Northwest Science*. 33: 43–64.
- Elzinga, C. L.; Salzer, D. W.; Willoughby, J. W. 1998. *Measuring and monitoring plant populations*. Tech. Ref. 1730-1, BLM/RS/ST-98/005+1730. Denver, CO: Bureau of Land Management, National Business Center.
- Elzinga, C. L.; Salzer, D. W.; Willoughby, J. W.; Gibbs, J. P. 2001. *Monitoring plant and animal populations*. Malden, MA: Blackwell Sciences, Inc. 360 p.
- Finney, M. A. 1998. *FARSITE: Fire Area Simulator-model development and evaluation*. Res. Pap. RMRS-RP-4. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 47 p.

- Fischer, William C.; Hardy, Charles E. 1976. Fire-weather observers' handbook. Agric. Handb. 494. Washington, DC: U.S. Department of Agriculture. 152 p.
- Fisser, H. G.; Van Dyne, G. M. 1966. Influence of number and spacing of points on accuracy and precision of basal cover estimates. *Journal of Range Management*. 19: 205–211.
- Gabriel, H. W.; Talbot, S. S. 1984. Glossary of landscape and vegetation ecology for Alaska. Tech. Rep. 10. Anchorage, AK: Bureau of Land Management. 137 p.
- Goldsmith, F. B.; Harrison, C. M.; Morton, A. J. 1986. Description and analysis of vegetation. In: Moore, P. D.; Chapman, S. B., eds. *Methods in plant ecology*. Malden, MA: Blackwell Scientific Publications: 437–524.
- Goodall, D. W. 1952. Some considerations in the use of point quadrats for the analysis of vegetation. *Australian Journal of Science Research. Ser. B*. 5: 1–41.
- Grace, S.; Brownlie, D. 2002. Fuel and fire effects monitoring guide, [Online]. Available at: <http://fire.fws.gov/ifcc/monitor/RefGuide/default.htm>.
- Gray, A. 2003. Monitoring stand structure in mature coastal Douglas-fir forests: effect of plot size. *Forest Ecology and Management*. 175: 1–16.
- Greig-Smith, P. 1983. Quantitative plant ecology. 3d ed. Berkeley: University of California Press. 347 p.
- Hall, F. C. 2002a. Photo point monitoring handbook: Part A—field procedures. Gen. Tech. Rep. PNW-GTR-526. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 48 p.
- Hall, F. C. 2002b. Photo point monitoring handbook: Part B—concept and analysis. Gen. Tech. Rep. PNW-GTR-526. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 48 p.
- Hann, W. E.; Jensen, M. E.; Keane, R. E. 1988. Ecosystem classification handbook. Chapter 4—ECODATA sampling methods. U.S. Department of Agriculture, Forest Service, Northern Region. 144 p.
- Hardwick, P.; Lachowski, H.; Griffith, R.; Parsons, A. 1998. Burned area emergency rehabilitation project: an example of successful technology transfer. In: Greer, J. D., ed. *Proceedings of the seventh Forest Service remote sensing applications conference*; 1998 April 6–10; Nassau Bay, TX. Bethesda, MD: American Society for Photogrammetry and Remote Sensing.
- Harmon, M. E.; Franklin, J. F.; Swanson, F. J.; Sollins, P.; Gregory, S. V.; Lattin, J. D.; Anderson, N. H.; Cline, S. P.; Aumen, N. G.; Sedell, J. R.; Lienkaemper, G. W.; Cromack, K.; Cummins, K. W. 1986. Ecology of coarse woody debris in temperate ecosystems. *Advances in Ecological Research*. 15: 133–302.
- Hironaka, M. 1985. Frequency approaches to monitor rangeland vegetation. In: Kruger, William C., chairman. *Symposium on use of frequency for rangeland monitoring*. Proceedings, 38th annual meeting, Society for Range Management; 1985 February; Salt Lake City, UT. Society for Range Management: 84–86.
- Holdorf, H.; Donahue, J. 1990. Landforms for soil surveys in the Northern Rockies. Misc. Publ. No. 51. Missoula: University of Montana, Montana Forest and Conservation Experiment Station, School of Forestry. 26 p.
- Howard, J. O.; Ward, F. R. 1972. Measurement of logging residue—alternative application of the line intersect method. Res. Note RN-PNW-183. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. 8 p.
- Hyder, D. N.; Bement, R. E.; Remmenga, E. E.; Terwilliger, C., Jr. 1965. Frequency sampling of blue gramma range. *Journal of Range Management*. 18: 90–94.
- Iqbal, Muhammad. 1983. An introduction to solar radiation. New York: Academic Press. 390 p.
- Jensen, M. E.; Hann, W. H.; Keane, R. E.; Caratti, J.; Bourgeron, P. S. 1993. ECODATA—a multiresource database and analysis system for ecosystem description and analysis. In: Jensen, M. E.; Bourgeron, P. S., eds. *Eastside forest ecosystem health assessment, volume II: Ecosystem management: principles and applications*. Gen. Tech. Rep. GTR-PNW-318. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station: 203–216.
- Keane, R. E.; Hann, W. J.; Jensen, M. E. 1990. ECODATA and ECOPAC: analytical tools for integrated resource management. *The Compiler*. 8(3): 24–37.
- Kemp, C. D.; Kemp, A. W. 1956. The analysis of point quadrat data. *Australian Journal of Botany*. 4: 167–174.
- Lesica, P.; Steele, B. M. 1997. Use of permanent plots in monitoring plant populations. *Natural Areas Journal*. 17: 331–337.
- Lillesand, Tom. M.; Kiefer, Ralph W. 1994. *Remote sensing and image interpretation*. 3d ed. New York: John Wiley and Sons. 750 p.
- Maser, C.; Anderson, R. G.; Cromack, K., Jr.; Williams, J. T.; Martin, R. E. 1979. Dead and down woody material. In: *Wildlife habitats in managed forests: the Blue Mountains of Oregon and Washington*. Agric. Handb. 553. Washington, DC: U.S. Department of Agriculture: 78–95.

- Maser, C.; Tarrant, R. F.; Trappe, J. M.; Franklin, J. F. 1988. From the forest to the sea: a story of fallen trees. Gen. Tech. Rep. PNW-GTR-229. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. 153 p.
- McPherson, G. R.; Wade, D. D.; Phillips, C. D., comps. 1990. Glossary of wildland fire management terms used in the United States. SAF 90-05. Washington, DC: Society of American Foresters. 137 p.
- Miller, M., ed. 1994. Fire effects guide. NFES 2394. Boise, ID: National Wildfire Coordinating Group. (Also available at: <http://fire.r9.fws.gov/ifcc/monitor/FEG.pdf>).
- Morrison, R. G.; Yarranton, G. A. 1970. An instrument for rapid and precise sampling of vegetation. Canadian Journal of Botany. 48: 293–297.
- Mueller-Dombois, D.; Ellenberg, H. 1974. Aims and methods of vegetation ecology. New York: John Wiley and Sons. 547 p.
- National Resource Conservation Service. 1997. National range and pasture handbook. Washington, DC: U.S. Department of Agriculture, Natural Resource Conservation Service.
- National Wildfire Coordinating Group. 1981. Introduction to wildland fire behavior calculations (S-390) student workbook. Boise, ID: National Interagency Fire Center.
- National Wildfire Coordinating Group. 1994. Fire effects guide. NFES 2394. Boise, ID: National Interagency Fire Center.
- Ottmar, R. D.; Vihnanek, R. E. 1999. Stereo photo series for quantifying natural fuels, volume V: red and white pine, northern tall grass prairie and mixed oak/hickory in the Midwest. PMS 834. Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center. 65 p.
- Parker, K. W.; Savage, R. W. 1944. Repeatability of the line interception method in measuring vegetation on the Southern Great Plains. Journal of American Society of Agronomy. 36: 97–110.
- Parker, S. B., ed. 1989. McGraw-Hill dictionary of scientific and technical terms. 4th ed. New York: McGraw-Hill. 2088 p.
- Pickford, S. G.; Hazard, J. W. 1978. Simulation studies in the line intersect sampling of forest residue. Forest Science. 24: 469–483.
- Pound, P.; Clements, F. E. 1898. A method of determining the abundance of secondary species. Minnesota Botanical Studies. 2: 19–24.
- Reinhardt, E.; Keane, R. E.; Brown, J. K. 1997. First Order Fire Effects Model: FOFEM 4.0 user's guide. Gen. Tech. Rep. INT-GTR-344. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. 65 p.
- Reinhardt, Elizabeth; Crookston, Nicholas L., tech. eds. 2003. The Fire and Fuels Extension to the Forest Vegetation Simulator. Gen. Tech. Rep. RMRS-GTR-116. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 209 p.
- Reinhardt, Elizabeth D.; Keane, Robert E.; Brown, James K. 2001. Modeling fire effects. International Journal of Wildland Fire. 10: 373–380.
- Schroeder, Mark J.; Buck, Charles C. 1970. Fire weather. Agric. Handb. 360. Washington, DC: U.S. Department of Agriculture, Forest Service. 229 p.
- Schwarz, C. F.; Thor, E. C.; Elsner, G. H. 1976. Wildland planning glossary. Gen. Tech. Rep. GTR-PSW-13. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 252 p.
- Scott, J. H. 1999. NEXUS: a system for assessing crown fire hazard. Fire Management Notes. 59: 20–24.
- Smith D. M. The practice of silviculture. 8th ed. 1986. New York: John Wiley and Sons. 527 p.
- Society for Range Management. 1989. Glossary of terms used in range management. Denver, CO: Society for Range Management.
- Stanton, F. W. 1960. Ocular point frame. Journal of Range Management. 13: 153.
- Stephenson, S. N.; Buell, M. F. 1965. The reproducibility of shrub cover sampling. Ecology. 46: 379–380.
- Tansley, A. G.; Chipp, T. F., eds. 1926. Aims and methods in study of vegetation. London: British Empire Vegetation Committee. 383 p.
- USDA Forest Service. 1996. ECADS: ecosystem characterization and description—user documentation. Missoula, MT: U.S. Department of Agriculture, Forest Service, Northern Region, Ecosystem Management Program. 78 p.
- USDA Forest Service. 2001. FS Veg field sampled vegetation, data dictionary. U.S. Department of Agriculture, Forest Service, Natural Resource Information System. Unpublished report.
- USDA Forest Service. 2001. Common stand exam userguide: version 1.5. [Online] Available: <http://fsweb.ftcol.wo.fs.fed.us/fsveg/> [August 19, 2005] [NOTE: This site is available to USDA Forest Service employees only.]

- USDA Forest Service. 2002. Timber cruising in the Pacific Northwest. R6-NR-TM-TP-21-97. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Region.
- USDA Forest Service. 2003. Common stand exam field guide for Region One, version R1 2.03.2003. Unpublished document on file at: U.S. Department of Agriculture, Forest Service Region One, Missoula, MT.
- USDA Forest Service, Forest Management Service Center, (2002, October 11), [Online]. Available: <http://www.fs.fed.us/fmsc/fvs/> [August 19, 2005].
- USDA Natural Resources Conservation Service. 1997. National range and pasture handbook. Washington, DC: U.S. Department of Agriculture, Natural Resources Conservation Service.
- USDA Natural Resources Conservation Service. 2002. National soil survey handbook, title 430-VI, [Online]. Available: <http://soils.usda.gov/technical/handbook/> [August 19, 2005].
- USDI Bureau of Land Management. 1996. Sampling vegetation attributes. Interagency technical reference. BLM/RS/ST-96-002+1730: 23–29
- USDI Fish and Wildlife Service. Grace, S.; Brownlie, D., eds. [Draft]. Fuel and fire effects monitoring guide, [Online]. Available: <http://fire.fws.gov/ifcc/monitor/RefGuide/default.htm>. [August 19, 2005].
- USDI National Park Service. 1992. Western Region fire monitoring handbook. San Francisco, CA: U.S. Department of the Interior, National Park Service, Western Region. 89 p.
- USDI National Park Service. 2001. Fire monitoring handbook. Boise, ID: National Interagency Fire Center. 283 p.
- Van Dyne, G. M.; Vogel, W. G.; Fisser, H. G. 1963. Influence of small plot size and shape on range herbage production estimates. *Ecology*. 44: 746–759.
- Van Mantgem, P.; Schwartz, M.; Keifer, B. 2001. Monitoring fire effects for managed burns and wildfires: coming to terms with pseudoreplication. *Natural Areas Journal*. 21: 266–273.
- Van Wagner, C. E. 1968. The line intersect method in forest fuel sampling. *Forest Science*. 14: 20–26.
- Van Wagner, C. E.; Wilson, A. L. 1976. Diameter measurements in the line transect method. *Forest Science*. 22: 230–232.
- Warren, W. G.; Olsen, P. F. 1964. A line intersect technique for assessing logging waste. *Forest Science*. 10: 267–276.
- Webster's New World Dictionary, Third College Edition. 1988. New York: Simon and Schuster, Inc.
- Winkworth, R. E. 1955. The use of point quadrats for the analysis of heathland. *Australian Journal of Botany*. 3(1): 68–81.